



BULLetin



July 2001

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held at 7:30 PM July 12, 2001 at Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot. From the south you can exit La Cienega by the Airport and take it north to Washington Blvd. Turn left the 4 blocks. There are some restaurants in Downtown Culver city on Washington Blvd about a mile west from the meeting. There's a Sagebrush Cantina and a San Genero's Italian. You can also still meet at Shakey's or the Deli and you're only 5-10 minutes from the meeting.

The program this month will include a video of WRTC 2001

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Soap Box— Words from KR6C, our President



Chuck, KR6C

Greeting's fellow DXer's,

Boy, I sure had fun at the second annual Anchor's Away Nite. Bought a couple of items I couldn't live without and go rid of a couple of items I didn't need anymore. A big "Thank You" to Skip and Neil for a job well done!

It's really a blast watching the members get carried away bidding against each other and Dan, W7RF, showed how quick he was with those final bids before ol'Neil could bang his gavel. For those of you who haven't been to this event will have to come next year. I do believe this has become one of my favorite meetings.

I would also like to congratulate Cathy, K6VC (ex N6DXC) on her appointment by Fried as our clubs ARRL liaison person.

Cathy will keep us up to date on ARRL information and will be our clubs interface to the ARRL.

For those of you who missed the announcement about the status of the repeater here is the highlights. SCDXC met with TASMA and IEARC to discuss the interference complaint. SCDXC recommended to TASMA they allocate a new pair of frequencies to the IEARC. TASMA obliged, giving the IEARC a new pair of frequencies to try for a four-month test period to determine how it will work. Were coming up on the end of the test period and will wait to see what the final outcome is. Currently IEARC is still coordinated on our pair. Edgar and I have had several correspondences with Riley (FCC) about the DX Alerts and were told not to worry about our operation. If there's a problem, he will contact us directly. So all is well and I would like to thank Edgar, N6OU and Jim, N6DHz for all their help bringing this to a peaceful resolution.

This month should prove to be another exciting meeting as were settling in at the new location. There's a small kitchen and the

thought of coffee and donuts is looking promising. Skip has purchased some nice chairs and things are getting comfortable. I'm waiting to hear on the final dates for the Summer Bash at W6YA's and when that info comes in, we'll announce it. Well is time for me to get back to the books and try to keep myself from getting distracted as I listen for those elusive countries that I still need (the T5X cost me a few days) Hi Hi.

73



**Happy
Fourth of
July**

The Veeep speaks

I hope everyone had a good time at the auction at last month's meeting. Thanks to Neil for another job well done. I was able to pick up some variable capacitors. Anyone want to shunt feed their tower for 160?



Rich and Skip at the Picnic. See more pictures on page 3.



KJ6Y Veeep

WOW!! What a great turnout and good time we had at the picnic. Those who could not make it missed out on good food, good weather and great companionship. Over 60 attended and I think this will be an annual event.

My special thanks to Rich and Pat, W6VX and W6VXN, Ray, AD6KQ, Keith, K6LD, Carl and Cathy, WU6D and W6VC who helped set up and did the fine BBQing. And thanks to everyone else who helped out and brought some wonderful side dishes and desserts. I don't think anyone went home hungry.

Congratulations to Howard, W6EGZ who won the FT-817. I talked to Howard the next day and asked about the radio. He said he hasn't tried it yet and was still reading the manual. I told him real hams don't read the manual. Just hook it up first and play with it. If you have a question, ask someone who owns one, and if you still have a question, then read the manual. I want to thank Yaesu for helping with the FT-817, and to Jun's Electronics, Ham Radio Outlet in Burbank and Am-Com in North Dakota for helping with the other raffle prizes.

We had several foreign visitors at the picnic also. Derrick, F5VCR with his family. Thanks to Gene, AA6NP for picking them up in Hollywood and providing them with transportation to the picnic. Norby, LX1NO and Manu, LX2LX stop by on their way the airport after their month long vacation traveling around the western US.

Hope to see everyone at the July 12th meeting.

DX SUMMER BASH



The San Diego DX Club will again host this year's summer bash for all DXers on Sunday, August 26, at the QTH of W6YA in Leucadia, south of Oceanside. Take I-5 south past the La Costa exit to Leucadia Blvd. Go east 1/2 mile to Woodley Place and turn right. DO NOT turn on Passiflora Avenue; it is the street AFTER Passiflora Avenue. Drive to the end of the street. Carpooling is encouraged, due to limited parking. Time is 1-5 PM. Bring your club badges. Food and liquid refreshment is pro-

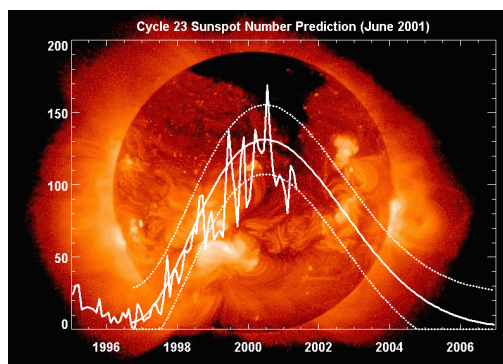
vided. If you get lost, call (760)753-8900. There may be people monitoring 144.415, the local DX coordinating frequency.

Hope to see you there!
73, Jim W6YA

Sun Spots over Hill

This excellent picture was downloaded from:

http://science.msfc.nasa.gov/ssl/pad/solar/images/ssn_predict_1.gif



Club Roster Available

The club roster is available to all members in good standing. A copy may be picked up at the regular meeting and is also available by e-mail. Send your request to: membership@scdxc.org

The web page roster listing is not current. The web page is migrating to a new site and the web master will soon provide a means updating this list—and the "DX status".

E-Mail Addresses

If you change your e-mail address, please let us know ASAP.

Propagation—July 2001

by Shel, W6EL

These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month. Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 175, corresponding to a sunspot number of 137, and an average geomagnetic field are assumed.

Sunrise/sunset times are at the DX location. All times are UTC.

Good luck and good DX from Shel, W6EL.

OJ0 Market Reef - 7/6 to 7/23 - Beam
20 degrees
Sunrise/sunset (on 7/15) 0200/1938
20: 0100-0800.

HR Honduras 7/19 to 7/26 - Beam 116
degrees
Sunrise/sunset (on 7/23) 1131/0013
80: 0400-1100.
40: 0200-1130.
20: 2300-1430.
15: 1600-0530.

XU Cambodia - 7/17 to 8/2 - Beam

310 degrees
Sunrise/sunset (on 7/25) 2249/1123
40: 1200-1230.
20: 1000-1500.
15: 1330-1900 and 0730-0930.

J3 Grenada - 8/8 to 8/15 - Beam 99
degrees
Sunrise/sunset (on 8/12) 0958/2224
80: 0500-0900.
40: 0300-1000. 20: 0030-1130.
15: 1200-0630.
10: 1630-2400.



W6ELProp

Shel, W6EL, recently announced that "W6ELProp" is available for download.



This is the latest in the series of propagation prediction software written by W6EL. For years the "standard" of propagation prediction software was MiniProp, a DOS program. W6ELProp has a new look and it now runs under Windows.

Shel invites you to go to the following URL and download the program.

<http://www.qsl.net/w6elprop/>
You will get a ZIP file that includes the program along with an installation program.

(Note: "W6ELProp" is copyrighted by W6EL and is being made available to Hams for non-commercial uses without charge.)

Spotting Derby

Technical problems again caused the LAX node to be down the last week of June so the spotting scores have been adjusted. (Sorry, the sysop has had a series of computer problems — hopefully the system will be 100% by the time you read this.)

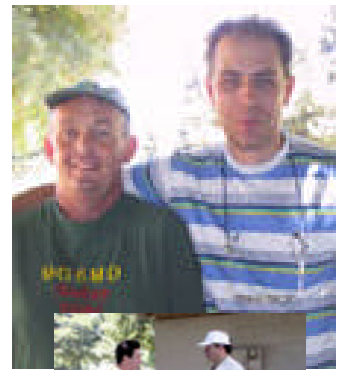


Spotter	Spots	Score
-----	-----	-----
W6LAX	194	337
W6VX	79	200
W6TG	51	197
WA6TLA	50	133
K6YRA	29	115
KG60K	34	104
AD6KQ	33	84
AA6NP	24	76
W6Y00	33	69
N6KZ	41	66
W6SR	31	63
KN6H	27	58
W7RF	20	48
KC6T	16	41
W6ZH	20	40
W6EA	7	34
K6IRA	22	29

WA5VGI	9	26
K6YUI	6	26
N60U	9	25
K6FG	8	20
K6RO	8	20
W06M	7	19
WA6WDX	5	14
W6EJJ	4	14
N6HY	6	11
W3SE	6	10
K6FR	4	10
K6WM	4	10
W6OES	2	10
W6RT	2	10
N6IC	5	7
W6YY	3	5
K6WS	5	4
AA6RK	1	4
KJ6Y	2	3
K6SY	1	3
W6KK	7	1
K6ZMW	1	1
N6RT	2	0
W6FW	1	0



A few of the gang eating their way through the 2001 SCDXC picnic



Everyone had a great time.



Elmer is back!

Continuing on the subject of transmission lines we have the following question.

1. The generator frequency is X and a quarter wave line of 70.71067812 Ohm is placed between its output and the load. Is it the effective loss of the line equal to the typical line loss of the transmission line at frequency X or is it different?

Answer: The only loss in the transmission line would be its characteristic insertion loss.

2. Why ?

Answer: The loss in a transmission line is always its characteristic loss.

3. What's the power delivered to the load this time ?

Answer: The power on the load this time is 100% or 100 Watts (excluding the insertion loss of the coax). The reason is that the 70.71067812 Ohm line is a quarter wave transformer. A $1/4$ line with impedance of $\text{Square_root}(Z_{\text{source}} \cdot Z_{\text{load}})$ will transform Z_{load} into an impedance of Z_{source} at a quarter wave length. 70.71067812 Ohms is the square root of the product of 50 Ohms and 100 Ohms.

Since the 50 Ohm source sees a 50 Ohm load, no power is absorbed in the source. Sure, there is a standing wave pattern on the 70.71067812 coax, but it is within the coax. Since the match only occurs at a line length of $1/4$ wavelength, this is inherently a narrow band match.

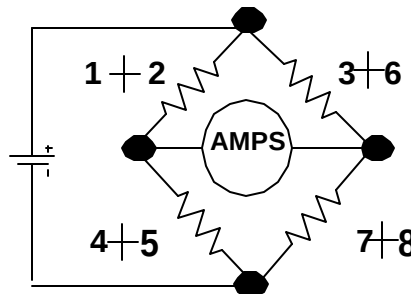
4. Would you please recommend a logging program for me. I use the Packet and want to enter some contests from my house.
5. A: Be sure to interview the cute secretaries who can write the fastest. They need a red hat which is adorned with a big sign that says 'logging program'.

Ham Puzzle by Milt W6RJO



June puzzle solution:

If you untwist the resistors in last months puzzle you will see it is simply a standard bridge circuit. The diagram shows just one combination of resistors that will result in no current in the meter.



We had a number of correct answers. A few are:

Dear Editor:

If no current is to flow through the amp meter, the voltage at each side of the current meter must be at the same. That is, the voltage at node R2,R4 must be equal to the voltage at node R6,R8 when referenced to the same point in the circuit, say node R5,R7, the negative side of the battery. When the voltage at these two nodes are equal then no current will flow in the meter.

Since no current will flow in the meter branch of the circuit, the meter may be removed and the circuit redrawn to reveal that if $R1+R2 = R3 + R6$ and $R4 + R5 = R7 + R8$ the voltages at the points where the meter was connect will be the same and no current would flow through the meter. It doesn't matter what the values of the individual resistors are. They can be anything as long as the two equations above are kept true.

Mel

It's a Wheatstone bridge. As such, it balances (no current thru the ammeter, i.e., no voltage drop across it) if the following ratios are maintained:

$(3+6)/(7+8) = (1+2)/(4+5)$. Usually this is done by setting similar arms of the bridge equal to each other, e.g., $(3+6) = (1+2)$ and $(7+8) = (4+5)$. That's not necessary, however, as long as the ratios are maintained.

....Chuck KN6H

This month Milt has a problem in LOGIC

Power to the Shack

V.H. Ham is on a safety kick. Unfortunately, his mental pendulum has swung too far in the direction of the ridiculous. For example, to turn on the power to his shack, he installed 3 unlabelled on-off push button switches. And you can not tell the state of a switch by looking at it. All the switches must be pushed to get power.

Unknown to him, his unruly adolescent offspring pushes switch numbers 1 and 3 to "ON". Later VHH arrives and pushes button No.1 - nothing. He then pushes No.2 - nothing. He pushes No.3 - still nothing. Getting a bit ruffled he keeps pushing them, never repeating an on-off sequence, until power comes on at the 7th push. In what order did he push the buttons?

We Remember these QSLs !

Keith, K6LD, shares these historical items.

VP2SAQ

I worked **VI** in 1979 as a new one on 10 Meters and needed the card but she was a new ham and did not have any cards printed yet, so I asked if I made a card for her would that be all right? She said yes. So I made the card and when I got it back this was the note on the back along with the volcanic ash. Not a rare one but some what unique.



K6LD and KC6X both sent in cards from the Peoples Temple.

Here is Keith's story.

"April 1978 tuning 20 meters I heard a pileup, on the other end a YL with a nice sounding voice, QRZ from WB6MID/8R3, I called and heard WD6DAB ur 57 in the Peoples Temple -Jonestown-Guyana. Wow a new one and a YL.! Sara asked if I could donate any money to help the temple. No, but Tnx for the QSO, 73 from WD6DAB and I will QSL direct. I was in Palm Springs for the weekend when I heard about the Jonestown mass suicide. When I returned home I looked for the card in the box and sure enough it was the same place. well it was sad, but I have the card as a small piece of history.

And here is what Will had to say"

The story behind it is after high school in 1978, I heard a DX station on 15m. He was new DXCC country for me at the time. As I listened, I thought it was



VI ROBINSON POST OFFICE, ST. VINCENT, WEST INDIES VORIAN #56				
TO RADIO	DATE	TIME	REPORT	FREQ
WD6DAB	3-17-79	2:58	5-7	28.

☐ CW Rig. VAEW 101 EX
☐ SSB ANT. 3 EL. 15 FT.

REMARKS: Childrens to TANNISSO because
 of the Volcano Acting up - thanks for the
 nice card - I know Vi would liked to
 have - Keep it. Talk me, God bless - 73's
 (and Vi)

PSE QSL ✓ TNX ✓
 MADE BY KEITH LEWIS

odd because the operator kept openly asking for donations for his church I never heard of before. I managed to crack the small pileup with my peanut whistle station. I QSLed him and hoped for the best. [No donation I was a poor teen. :)]

Several months later, I received this QSL confirming Guana for me. I marked it off my DXCC list and forgot about it. 10 days later, the tragedy of Jonestown hit the news. More was revealed over the ensuing weeks. I heard that Rev. Jim Jones ran a Amateur Radio Station there with the call WB6MID/8R3. I thought "Couldn't be the one I worked." I checked to make sure and sure enough it was. After these many years, it's still a reminder of the horrific events that occurred in Jonestown.

73 de Will KC6X

How about sending a few of your cards? We need MORE.
Send me a scanned image, or
send me the card and I will scan,
BUT send them in!

ELMER SEZ

We are always getting questions about antennae. This is typical

I am a typical City DXer. I want to put up some aerials. I am thinking of a triband (10-15-20) beam on a 50'-60' tower. Perhaps also a 40-m beam or a wire dipole or inverted-V. A simple 2- or 3-element WARC beam for 12 and 17 m and maybe also something to cover 30 meters.

- a) What antennas are best?
- b) How should they be stacked? Does it matter? Why?
- c) What should the spacing be between them?
- d) Should the two beams be fed from one feed line (thus covering 5 bands with one feed).
- e) Should the two booms be parallel or perpendicular to each other? Or something else? Why?
- f) How best to add 30 meter capability.

Elmer answers

Tri-band recommendation: KT-34A or XA for 10-15-20. No traps, wide bandwidth due to two driven elements. Cushcraft A3WS or Force 12 for 12 & 17 meters spaced above the KT-34 at least 0.1 wavelength at the lowest freq. No suggestions on 2-el 40 m beam. No space at my QTH for anything but an inverted V slung from the tower, but it tunes up OK on 30 m. I can keep up with most of 'em on both 40 and 30 on a good day.

A log periodic might also be appropriate for complete 10-40 coverage if space is available.

I have also used 3 dipoles made of #12 house wire fed from a common hub for 12, 17, 40, but stacking them vertically with spacers per the Handbook didn't work very well - too much interaction. I finally spread them out horizontally from the center hub like spokes of a wheel. MUCH better, almost no interaction, SWR no worse than 1.5:1 on all three bands.

Caution: The center balun at the hub should be well clear of the tower as well as the dipole elements. Otherwise lots of rf in the shack as the tower re-radiates. (Logging computer does funny things with rf floating around the shack).

*Ed note: Do you agree with Elmer?
Send us your best shot.*

Letters

Chuck, KN6H sent us this one as a "proposal" for enhancing the Field Day score for your club next year.

Special Bonus Points and Awards

25 points per antenna or power connection that had to be kluged because there were no mating connectors on hand. 100 point bonus if ALL connections made without using clip leads or solder. An extra 50 points per 250' roll of duct tape used.

500 points for getting a signal on the air without using any duct tape at all.

50 points for installing a PL-259 while dangling from the mast, at least 15-feet above the ground. Extra bonus of 25 points for remembering to install the sleeve before soldering. Additional 5 points if the sleeve was placed in the proper direction.

50 points if 3 or more beam elements lie in the same plane with no greater than 10-degrees deviation. An extra 150 points if the plane is within 10-degrees of horizontal.

50 points for each successful re-raising of the antenna if task was completed within 30-minutes of its falling.

100 points per square inch of bandage material used to treat cuts and abrasions incurred while erecting the antenna or trying to position the generator. (You may substitute 500 points per stitch -- whichever is greater)

Lack of Culinary Adventure Penalty: deduct 20 points per can of Dinty Moore beef stew eaten. Cancel penalty if eaten cold.

Ben Franklin Bonus: 10 points per contact made during a severe thunderstorm. Additional bonus of 2 points per contact made under a collapsed tent. Additional bonus of 2 points per contact if tent interior is flooded with more than 3-inches of water.

Add 10 points per dollar value of damage caused to any transmitting or receiving apparatus that was known to be working at the onset of the Field Day weekend.

10 points per inhaled moth or fly, while speaking into the microphone. 5 points per stuffed mosquito, squashed on log; must submit log.

25 points for receiving a "59" signal report from a station who had to ask you to repeat your "check" over 10-times. (Or giving a "36" signal report to a station known to be running an automated contest exchange system.)

The "Yeah, Right" Bonus: add 100 points for each 20-meter net control operator who appears on your frequency -- and, who, after listening to your plea, apologizes and politely agrees to let you continue.

200 points for each pileup you generate and immediately abandon by switching bands or turning the microphone over to an

Letters (more)

How to do a "A Luxurious, enjoyable DX expedition"

Here are some pictures Don, N6IC, operating from a hotel in Papeete, Tahiti where the French licensing person gave us the licenses Gary-FO0APG, Don FO0BOT.

Here is a picture of ship we operated from (with permission of ships radio officer) from in Moorea and about the islands. (Ed note: We were unable to get permission from ship when we were there — But then, Don IS MUCH better looking!)



Picture of Don operating from my ship cabin, we used vertical dipole over side of ship using a bamboo fishing pole and lead in to its center. Used FT 817-5 watts-we got into Europe, USA, Japan, NZ, Australia. We usually got 557's on cw. SSB was hard to get thru on. Best band was 18.075Mhz+/- fewer kilowatts than 20 m!! Best times

to operate was from 2 hrs before sunset to 2 hrs after.

Don was also licensed as VK2VUM where he also got license as a walk in. Enjoyable!!!

73's Gary

A note from Don upon his return

Hi Gang.....I had a blast on vacation....using the FT-817 was a challenge of 5 watts but I got into Europe several Q's.

73 Don

G4AYO@aol.com wrote:

> Don:

> I have just found you via the Internet, Hi!

> I had been puzzling over whether a QRP 5w QSO with FO0BOT at 0753

> on 7 June 01 on 18074 from Raiatea Island could be genuine. Although I

> occasionally work the Pacific on cw with my G5RV it is almost unique to

> hear a 5w station, let alone have a solid QSO - you must have been using

> a ufb antenna!

> Thanks for picking me up!

>

> Thanks again Don - and if you ever visit C21, please let me know, Hi!

>

> 73 Mike/G4AYO

QSL Via (de Franz, DJ9ZB)

Call

8P9BK
9G0ARS
9Q5BO
A25/KY4P
AP2ARS
C93MR
CO8OT
EK6LF
EK7DX
EM7Q
EP3HR
ET3VSC
FO5RA
HL9DX
HS0ZCW
HS2CRU
J28FF
J37BO
J38X
J88DR
JD1BCK
JW0PK
JX8XM
KH2VF
KP2F
OA6CY
OY3QN
P29BW
PJ2K
PJ7B
PW0S
PY0FC
R1FJL
RP1N
T88LJ
TT8DX
V31MX
V44UY
VK9CXF
VK9CXJ
VK9CXW
VP2MR
VP8DBR
XU7ABC
XX9TKW
ZD8R
ZK1EFD
ZK1NDS
ZK1NFK
ZL7IR

QSL

DL1DA
UA3AGW
HB9AMO
SV0LM
S53R
G3MRC
EA5KB
DJ0LZ
F5LGQ
UY5ZZ
I2MQP

K3IRV

KM5M
W8KJP
K4VUD
DF6RK
F6ITD
K4LTA
K1XX
G3TBK
JM1TUK
SP5DRH
LA8XM
JE1HJA
KN7Y
EA5KB
OZ1ACB
N5FTR
K6RO
W8EB
KU9C
PY7XC
UA3AGS
RA1NO
JH8DEH
F5OGL
K0BCN
KJ4UY
G3TXF
G3MXJ
G3SXW
W5PB
G0SWC
G3XAQ
OH2KW
N6ND
DL1EFD
DL9NDS
DL7NFK
W8WC

More Letters

inexperienced beginner.

2,000 bonus points for not working California, Florida or Western PA.

50 point bonus for not even hearing W1VT throughout the contest period.

Penalty of 50 points if the campfire was prematurely started by a falling end of the inverted-Vee that arced through the starter gasoline. 50 point bonus if this was done intentionally because no one remembered to bring matches.

Saturday evening campfire scoring: Skewer marshmallow and approach fire, remaining 24" above ground. When marshmallow melts or burst into flame, record distance (in feet) to edge of fire. Multiply this figure by 100.

10 points per antenna insulator manufactured from melted glass pop-bottles, thrown in the campfire.

250 bonus points for working someone who asks, "What's Field Day?" and taking the time to answer him.

10 points for each successful tent set-up that was accomplished by using plastic tent stakes, exclusively.

100 points for bodily providing the electrical return path to ground for the generator.

Conservation of Resources Award: for the cost-saving practice of using a 100-foot, 14/3 extension cord for the 2-kW linear.

Joe Cool Award: for non-chalantly asking W1AW to repeat its call phonetically... and then asking several times for a repeat of its Section.

Special-Friend Award: a certificate of achievement for creative engineering -- earned for attaching the output of the linear to the RX input of your best friend's FT-1000.

E. Kneivel Award: for filling the generator gas tank without bothering to shut it off first.

Good Faith Award: for powering the logging computer and the linear from the same quad-box.

Maxwell Award: for packing the log disks on top of the power-supply/speaker cabinet of the FT-757 for the trip home from Field Day.

Adm. R.E. Byrd Award: for running an exhaust hose from the generator to keep the operating tent warm during the early morning hours.

Diplomacy Award: for patiently explaining the difference to the 125th visitor who asks, "Oh... Isn't that sort of like C.B.?"

Diplomacy Award-II: for deftly fielding the question, "I have a cousin who lives in Madagascar -- could I talk to her now?"

Poker Face Award: for respectfully declining the offer from the visitor who pulls up in a huge Kenworth, complete with four, shiny, stainless steel, 9-foot whip antennas, and says, "If ya'll want to run some REAL power, you can borrow mah linear..."

Dave, AC6WO, sends us this:

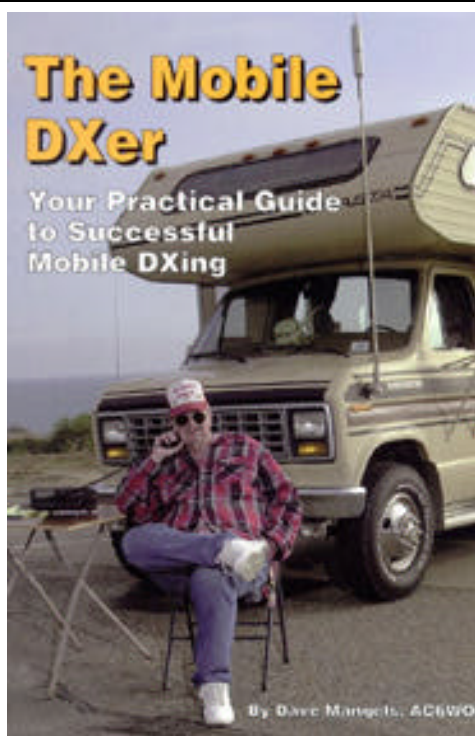
I am the Author of the FIRST and ONLY book devoted entirely to Mobile and Portable DXing: The Mobile DXer.

My book is hot off the press and being published by CQ Communications in Hicksville, NY. CQ introduced it to the world wide Amateur Radio Community in Dayton where it was sold out before the Hamvention was over.

Currently, I have 266 countries confirmed with over 97% of them worked either Mobile DX or Portable DX on 100 watts or less, so the clout is there from an Author's standpoint Hi.

The reason why I am writing you is you will not find my book: "The Mobile DXer" in any Amateur Radio stores west of Denver yet because it has not made it out of the East Coast and the Plains States. For this reason, I want you and the members of the SCDXC who are interested in Mobile > DXing to know I just received from CQ Publications 50 First Edition copies of the book.

I do not know how long these will remain unsold. However, here's the deal, the price of The Mobile DXer is \$13.00 and I ship Priority Mail



(\$4.00) as it gets to the purchaser quicker. I don't want to fool around with checks or credit cards so \$17.00 cash is the total. I will personalize (Name and Call Sign of each purchaser) and autograph each First Edition copy.

My address is as follows:

Dave Mangels AC6WO
10685 Arrowood Street
Temple City, CA 91780

73, Dave AC6WO

SK Chet Atkins

Guitar picker, music legend and Amateur Radio operator, Chester B. "Chet" Atkins, W4CGP, of Nashville, Tennessee, died June 30. He was 77.

Who We Are —

The BULLETin is published monthly by the Southern California DX Club.

Please notify the BULLETin publisher if you do not receive your BULLETin, have a change of address, or have found an error.

Please direct all submissions for the BULLETin to the editor.

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